

JET 48

Inside

On the cover

Photo by TSgt. Brad Fallin

An 48th Fighter Wing F-15C refuels from a 100th Air Expeditionary Wing KC-135R during nighttime combat operations as part of Operation Allied Force. For more information about wing members who are deployed, turn to Pages 13-16.

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<http://www.lakenheath.af.mil/current/jet48.htm>

To all Liberty Wing members



By Col. Carl Van Pelt
48th Fighter Wing Commander

Our Surety Inspection (SI), almost, did not happen.

Two weekends ago, in the midst of our generation to send 10 additional jets to Aviano, I thought we might be too heavily tasked to have the SI (remember, we'd been pretty busy since last October and particularly since 21 Feb 99 when we sent more F-15C/Es forward to the fight).

The next day, on Monday, I met with about 40 of our Wing's Senior NCOs who were directly involved in SI preparation, execution and performance. I wanted to seek their counsel.

We talked about the pros and cons of doing the inspection, our competing priorities, the potential for more real world taskings, impending combat ops and the stress of the preceding months and weeks. All things considered, would we be able to fully meet our real world obligations and still execute the SI? Their answer was a resounding "Yes" because they had the greatest faith in you – the members of Liberty Wing – and because they recognized that the surety mission never ends ... no matter what our other taskings, we must continue the

surety mission each and every day. Before we adjourned that meeting, I went around the room using what I call M.E.C. (Meaningful Eye Contact) and asked for each person's voiced commitment that we could do the SI and meet our incredibly high Liberty Wing standards. After M.E.C. and hearing each Senior NCO aver, "Yes, let's do it", I knew (and deep inside had a quiet faith) that the Wing would do just fine during the SI.

And we did! What an incredible effort! We asked for no quarter from the Inspector General and got none in executing the Air Force's hardest inspection.

Our overall Wing grade was EXCELLENT. The 17 major areas were graded:

- 6 x Satisfactory (in two areas the highest grade is Satisfactory)
- 11 x EXCELLENT
- 1 x OUTSTANDING

We've all achieved this ... to include those at our 3 deployed combat locations – even though they weren't here for the final event. And likewise, those at homestation have enabled our downrange combat successes – even during the middle of an inspection. For the 48th Fighter Wing, the words of the Roman military tribune, Seutonius, ring true: "The Many Are the One."

I'm so darn proud of the Wing's team effort. I know the commitment you made. I know the blood, sweat and tears you gave. I know the long hours you sacrificed. I know the weekends you never had. I know the separation from your loved ones. I know some of you came home from deployed sites just to spin-up for the SI and now are already back to our combat locations. I know to perform the way we did, each one of you reached deep-down inside for something special.

I cannot give a higher compliment than to say: there's no other group I'd rather face life's greatest challenges with ... in peacetime or combat.

Liberty Wing Rule of Engagement (ROE)

We lead for success, not to avoid failure (perfection is not possible ... especially when trying new ideas / ways / processes).

Action lines

The Action Line is your direct link to me for complaints, suggestions, or comments. It's not intended to replace the chain of command. When normal command and agency channels haven't been able to resolve your concerns, call 7-2324, fax 7-5367, e-mail (Action.Line@lakenheath.af.mil), send through distribution (48 FW/PA), mail (48 FW/PA, Unit 5210 Box 215 APO AE 09464-0215), or hand carry your Action Line to the public affairs office (Bldg. 1085). You may remain anonymous; to receive a reply, leave your name, unit, duty or home phone number, and full APO mailing address. Names are confidential.



48th Fighter Wing commander

Jet 48 on web

I would like to thank all of you who work on the putting the "Jet 48" on the Internet. I'm a military wife, and my husband is deployed right now. I'm back in the states for medical reasons, and it has been a hard five months. But thanks to the "Jet 48," I can find out what is going on with my husband during his deployment. I go on every Saturday morning since I've been back, and it's great.

To the 493rd Fighter Squadron, I hope you guys are back home very soon!



Airpower perspectives

By Col. Phillip Meilinger
From "10 Propositions of Airpower"

In essence, airpower is targeting, targeting is intelligence, and intelligence is analyzing the effects of air operations

How can any man say what he should do himself if he is ignorant what his adversary is about?

—Baron Antoine-Henri Jomini

Airpower — both lethal and non-lethal — can be directed against almost anything. The Gulf War showed that digging deeply and using tons of steel and concrete will not guarantee protection from precision penetration bombs. The hardened bunkers of the Iraqi Air Force were designed to withstand nuclear attack, but they could not survive a perfectly placed high explosive bomb. However, being able to strike anything does not mean one should strike everything. Selecting objectives to strike or influence is the essence of air strategy. Virtually all the air theorists recognize this; unfortunately, they were frustratingly vague on the subject.

Douhet, for example, left it to the genius of the air commander to determine an enemy's "vital centers." He did, however, single out popular will as being of first importance. He predicted that if the people were made to feel the harshness of war — through the bombing of urban areas using high explosives, gas and incendiaries — they would rise up and demand their government make peace. Other theorists have different candidates for which targets should be given priority. The Air Corps Tactical School devised a doctrine concentrating on enemy industry. Their "industrial web" theory characterized a nation's structure as a network of connected and interdependent systems; like a house of cards, if just the right piece was removed the entire edifice would collapse and with it a country's capacity to wage war. The RAF's Jack Slessor emphasized the vulnerability of a country's transportation structure; he advocated the interdiction of troops and supplies as the best method of achieving objectives. John Warden stressed leadership. It was a country's leaders that made decisions regarding peace and war; therefore, all air efforts should be focused on the will of those leaders to induce them to make peace. The early writings of Billy Mitchell (pre-1925) saw the enemy army as the primary target of strategic airpower. Thus, all the classic air theorists have had similar notions regarding centers of gravity, but they diverged on singling out the most important one. Indeed, a skeptic could argue that a history of air strategy is a history of the search for the single, perfect target. Nevertheless, this basic framework for determining air strategy was a useful first step — but only a first step.

Airpower's ability to affect targets has always exceeded its ability to identify them. The Gulf War demonstrated that if one does not know a target exists, airpower may be ineffective. For example, although coalition

Airpower videos

Today through April 16, the commander's access channel shows two videos daily. They are "Foundations of Airpower Theory" at 6 p.m. and 11 p.m. and "Tenets of Aerospace Power" at 7 p.m. and 10 p.m.

aircraft destroyed most of the known nuclear, chemical and biological research facilities in Iraq, far more were unknown and not discovered until United Nations inspectors roamed the country after the war. It is an evasion for airmen to claim this was a failure of intelligence not of airpower, because the two are integrally intertwined and have always been so. Intelligence is essential to targeting; moreover, intelligence specifically geared to air war is required. Military information-gathering agencies have existed for centuries, but their products were of a tactical nature: how many troops does the enemy possess; where are they located; what is their route of march; what is the rate of fire of their latest weapons? Although such tactical information was also necessary for airmen to fight the tactical air battle, strategic air warfare demanded more: what was the structure of an enemy's society and industry, where are the steel mills and power plants; how did civilian and military leaders communicate with their subordinates; where were the major rail yards; how far advanced was their chemical warfare program; who were the key leaders in society and what were their power bases? These types of questions, essential to an air planner, had seldom been asked before the airplane because they did not need to be. One analyst even argues that intelligence has become "a strategic resource that may prove as valuable and influential in the post-industrial era as capital and labor have been in the industrial age." In this formulation, the key to all conflict is intelligence.

The third step, and no less important than the first two, is analyzing the effects of air attacks. One aspect of this problem is termed bomb damage assessment, but it is only one aspect, and one with largely tactical implications. The simplest way of determining bomb damage assessment is through post-attack reconnaissance; however, with the advent of precision munitions, this is often inadequate. During the Gulf War, for example, an intelligence headquarters building was struck by coalition aircraft; bomb damage assessment reported the sortie was 25 percent effective because one-quarter of the building was destroyed. Yet, the wing of the building hit was precisely where the actual target was located, so in reality the sortie was totally effective. The bomb damage assessment process was using a measurement technique appro-

priate to the past when precision was unattainable, so obliteration was necessary. In short, bomb damage assessment is as much an art as a science, and it is often difficult to determine the effects of a precision air strike.

The assessment problem at the strategic level is far more complex. There are at present insufficient standards to measure the effectiveness of strategic airstrikes. In some instances, such as an electrical power network, the relationship between destruction and effectiveness is not linear. For example, during Desert Storm Iraq shut down some of its power plants even though they had not been struck, apparently hoping this would shield them from attack. Because the coalition's intent was to turn off the power not to destroy it, the threat of attack was as effective as the attack itself. Thus, a small number of bombs produced an enormous power loss. Unfortunately, although it can be ascertained that a power plant is not generating electricity, it is far more difficult to judge how that will affect the performance of an air defense network — which may be the true goal of the attack.

This assessment problem has haunted air planners for decades. There are still heated debates as to the effectiveness of strategic bombing during World War II. Were the targets selected the correct ones, or was there a better way to have fought the air war? Surprisingly, this question has not been answered by computer war games, which are unable to assess the strategic effects of air attack. Because of the visual impressiveness of computer war games, however, participants are mistakenly led to believe they are engaged in a scientific exercise. The challenge for airmen is to devise methods of analyzing the relationships between complex systems within a country, determining how best to disrupt them, and then measuring the cascading effecting of a system's failure throughout an economy. We are a quantitative society with a need to count and measure things, especially our effectiveness. In the military this tends toward body counts, tonnage figures, sortie rates, percentage of hits on target, etc. Such mechanisms are especially prevalent in air war because there is no clear-cut way of determining progress. Surface forces can trace lines on a map; airmen must count sorties and analyze sometimes obscure and conflicting intelligence data. The real air assessment usually comes after the war. How do we break out of this American penchant for "Nintendo warfare?" Because airpower is a strategic force, we must better understand, measure and predict its effectiveness at that level of war. For too long airmen have relied on a "faith-based" targeting philosophy that emphasizes logic and common sense rather than empirical evidence.

Support makes airman's award possible

By A1C Russ Martin
48th Fighter Wing public affairs

The 48th Mission Support Squadron personnel reliability program manager is the Air Force Outstanding Personnel Manager of the Year for 1998.

SrA. Jason Beaudoin was presented the award March 4.

Beaudoin is a major player in one of the wing's most visible programs, the personnel reliability program, according to SMSgt. Bo Singh, 48th MSS chief of relocation. The wing personnel reliability program is the largest program in the U.S. Air Forces in Europe, with more than 1,100 personnel currently certified.

The office received an "Outstanding" rating during the 1997 Joint Surety inspection, and the military personnel flight received an "Excellent" rating during the

1998 Functional Inspection. The military personnel flight also was named the best military personnel flight in USAFE for 1996, 1997 and 1998 it was also named the best military personnel flight in the Air Force for 1997, which Beaudoin's personnel reliability program has been a part of, making for a full award's package.

Beaudoin gives credit to his office for helping him obtain the personnel manager of the year award.

"It took hard work, dedication and great support from the leadership in the military personnel flight," said Beaudoin. "Without support from above, this award would not have been possible."

"My supervisors have always had high expectations of me," he said. "They have always required the best from me, and I just try to give it to them."

"Senior Airman Beaudoin is

one of the most dedicated and hardest working airman I've ever served with," said Singh. "I can count on him to always get the job done, and that was why I hand-picked Jason to be on my personnel support for contingency operations team when we deployed down to Cervia AB, Italy, the first time around. His ability to always produce, despite the difficulty of the task, on a day-to-day basis is the main reason he won this Air Force level award."

Beaudoin was also hand-picked to single handedly run USAFE's largest personnel reliability program during a four-month period, according to his awards package. He leads a network of personnel reliability monitors even though he's out-ranked by all 30 of them. Beaudoin was also recognized for identifying several correctable situations and improvement areas. And out of the office, he



Photo by A1C Russ Martin
 SrA. Jason Beaudoin

volunteered for unit, squadron and base-level events throughout the year, such as Air Fete '98, POW/MIA ceremonies and the Joan Mann Sports Day for the mentally challenged.

Acting Sec AF: *Readiness linked to better facilities*

By Capt. Karen Finn
100th Air Refueling Wing public affairs

The quality of Air Force facilities links directly to mission readiness and retention, according to the acting Secretary of the Air Force.

Acting Secretary of the Air Force Whit Peters and Congressman Dave Hobson, member of the House Subcommittee on Military Construction, spent March 20 at Mildenhall and Lakenheath meeting service members and taking a close look at the facilities here.

According to Peters, funding for military construction is a top Air Force priority.

"Traditionally it has been difficult to get dollars for overseas bases such as Mildenhall, Lakenheath and Spangdahlem," said Peters. "Hopefully we will see something positive this year. The environment is now very encouraging because there seems to be some congressional momentum for military funding."

"Congressman Hobson is one of our better assets on the Capitol Hill," said Peters. "He has taken on a personal interest in military construction projects. He's gone out to actually look at the facilities on mili-

tary bases and he's taking pictures and bringing them back to his committee. This is his fourth trip to this theater."

Peters cites the actions of the Base Realignment and Closure Committee as a stumbling block in recent years to obtaining funding for military construction overseas. Congress questions why they should fund overseas bases when they are cutting back in stateside bases. Since the force draw-down began, it's been difficult to get proper funding to maintain and construct facilities on most overseas bases.

"It is important to realize that we don't have very many bases anymore, and we need to keep our bases up," said Peters. "These two bases are key: Mildenhall being the gateway into Europe and Lakenheath as one of the largest fighter wings in the Air Force."

As he and the Chief of Staff of the Air Force have actively pointed out to Secretary of Defense, today's Air Force has too much infrastructure to be efficient and effective. He's a staunch believer in consolidating multiple missions on Air Force bases, much like RAF Mildenhall, as an answer to address the money and operational effectiveness issues.

He believes that everything boils down

to quality of life for people. Having quality facilities for work and families contributes positively to the readiness of the Air Force.

Peters said as he travels around the Air Force he hears and sees a lot of professional frustrations. He acknowledges that having poor facilities is not only a distraction for people, but also to mission accomplishment. In the past, the Air Force has had to prioritize its spending. The decision was made to live with the current infrastructure as long as possible and spend on urgent items such as spare parts. Now the luxury of living with the current infrastructure is running out. The state of the current working conditions and lack of facilities is now a readiness issue to the Air Force.

"People don't join the Air Force to get rich," said Peters. "They have expectations about their working conditions and quality of life (the) Air Force provides them. Keeping good people means giving people what they want from the Air Force. We've made that a high priority."

"I can't guarantee that everything will be funded," he said. "The key is to make Congress aware and I'm optimistic about Congressman Hobson in helping us do that. It is my hope that additional dollars will be available for military construction in the very near future."

Clinic provides many services



By TSgt. Willie Murry
Immunization clinic NCOIC

It was a lot simpler and faster to get service when immunizations were only documented in the shot record. To comply with the National Vaccine Injury Compensation Program, established by the National Childhood Vaccine Injury Act of 1986 and other regulations per AFJI 48-110, immunizations must be documented in shot

records, the Military Immunization Tracking System and outpatient records.

The Department of Health and Human Services Public Health Service Form 731, the yellow shot record, is issued during initial immunizations for military and non-military personnel. This yellow shot record must be presented before subsequent immunizations. The outpatient medical record is also required for immunizations of all military and nonmilitary personnel. The date of vaccination, manufacturer and lot number of vaccines are recorded on the shot record and logged into Military Immunization Tracking System for active-duty members only. For active-duty members, an Air Force form will be printed from the system with the current vaccination history and filed in the outpatient

medical records. For family members of active-duty personnel, a U.S. Air Forces in Europe form is completed and compared to the yellow shot record to ensure appropriate and accurate entries are recorded.

Sound like a lot to go through to get a shot? Maybe it is, but for people who lost a shot record and had no valid documentation of their vaccination history, it's better than having to repeat a lot of immunizations they know they had, but just couldn't prove. If for some reason the database should "crash," the most current history is still easy to substantiate through the outpatient record.

The clinic gives priority service to active-duty members in uniform from 7:30 to 8:30 a.m. This allows shift and night workers to get immunized on their way home

and also provides service for those on day shift to minimize time away from the workplace. Active-duty members in uniform are also given priority between 11:30 a.m. to 1 p.m. This minimizes time away from duty.

Hours of operation are from 7:30 a.m. to 4 p.m. Mondays, from 7:30 a.m. to 1 p.m. Tuesdays, from 7:30 a.m. to 4 p.m. Wednesdays and from 9 a.m. to 4 p.m. Fridays. Tuesday afternoons and Thursdays are reserved for allergy injections, and the Yellow Fever vaccine is given from 7:30 to 8:30 a.m. Fridays.

In the next few months, the immunization clinic will move to a larger location on the ground floor of the 48th Medical Group hospital. Increased manning is also expected in the coming months to help improve access to the clinic.

Survey seeks information from Khobar veterans

BOLLING AFB, D.C. (AFPN)—Air Force members who were in Dhahran, Saudi Arabia, during the Khobar Towers terrorist bombing incident will soon receive a survey designed to collect data to be used in preventing or minimizing future deaths and injuries.

The bombing of the Khobar Towers housing complex June 25, 1996, killed 19 airmen and injured more than 500.

The survey will collect medical data on injuries and treatment, blast exposure, individuals' locations at the time of the blast as well as their personal experiences following the incident. Participation in the survey is voluntary, but encouraged, even if individuals were not injured in the bombing.

"Previous investigations have focused on

explosive characteristics and security procedures," said Lt. Col. (Dr.) Donald Thompson, of the Air Force's force health protection and surveillance branch at Brooks AFB, Texas. "By investigating the injuries, we can enhance our force medical protection. First, engineers and architects can use the data on blast exposure and location of injuries to improve their design of future structures. Our security forces and disaster preparedness experts can also use the information to enhance their emergency responses, and we'll gain an injury database to identify potential risk factors associated with human injury."

The survey is being conducted as a collaborative effort with the Oklahoma State Department of Health, which conducted a

similar survey following the bombing of the Alfred P. Murrah Federal Building in Oklahoma City April 19, 1995. OSDH will serve as the collection agency for the data for the Khobar Towers survey, sharing data analysis but not personal information, with the Departments of Defense, Energy and Transportation, and Health and Human Services. The Defense Threat Reduction Agency is funding the survey.

Questionnaires will be mailed to members who were in Dhahran at the time of the bombing, regardless of whether the member is still on active duty, retired or separated. Questionnaires will be mailed from OSDH in April, with data analysis to be completed in the summer.

People First:

Military pay information just a 'Pay Call' away

In December 1997, the Defense Finance and Accounting Service established a 24-hour, seven-day-a-week, automated telephone system from which Air Force active-duty, Reserve and Guard people can get limited information about their pay accounts.

Although Air Force policy requires airmen to contact their servicing finance office if they have specific questions about military pay and travel matters, the Pay Call system offers general information about a person's pay account.

By accessing Pay Call, mem-

bers can:

- ☐ Find out the amount of their last regular paycheck;
- ☐ Obtain federal and state tax data;
- ☐ Obtain debt balance information;
- ☐ Obtain direct deposit and pay statement address information;
- ☐ Get a list of allotments currently in effect; no history information is available;
- ☐ Obtain current leave balance and last leave posted to their pay record; and
- ☐ Be re-issued a W-2 for prior tax year, only if no address cor-

rection is needed.

In addition, recently separated airmen (up to 11 months) can get debt information, final pay amount and be reissued a W-2 and tax information.

First-time callers will be asked questions to confirm their identity before they are allowed to establish a personal identification number. A second PIN may also be established to allow a second person, such as a spouse, to obtain pay information. Once a PIN is established, it must be used for all future inquiries.

If, on future calls, airmen forget their PIN, they are given

three chances to enter it. If unsuccessful, the account is locked and the call is transferred to a customer service representative. The representative will reset the PIN and have the airmen re-establish their PIN just like first-time callers. The representatives are only available weekdays 7 a.m. to 4 p.m. MST.

Pay Call can be accessed by calling toll free 1-800-755-7413 from the United States or DSN 926-1281 from overseas. Also, information on Pay Call can be found at <http://www.dfas.mil/agency/centers/dfasde/denew4.htm>.

News notes

Awards banquet slated

The 48th Fighter Wing quarterly awards banquet is at 11 a.m. April 22 at the RAF Lakenheath Officers' Club. Call SSgt. Tom Haerr at 7-4500 for more information.

Power outage slated

A power outage takes place from 9:30 to 11:30 a.m. Monday and affects buildings 834, 841, 848, 852, 857, 859, 861, 864, 868, 872, 1026 and 1027. Call 7-2442 for more information.

Social actions changes name

The Air Force has changed the name of its base-level social actions office to military equal opportunity, with the office symbol changing from SA to ME. The new name more clearly identifies the functions and responsibilities of the military equal opportunity program and aligns the Air Force with the Department of Defense and other services' military equal opportunity programs. For details, call 7-5148.

Clock available for time checks

The 48th Communications Squadron telephone systems provides access to the U.S. Naval Observatory master clock. All RAF Lakenheath and RAF Feltwell telephone extensions with access to DSN can dial "time" (8463) for a recorded message for Eastern Standard Time and Universal, or Zulu, time. It isn't necessary to dial 7 before dialing 8463.

Car center changes methods

The RAF Lakenheath Car Care Center is changing their method of accepting vehicles for repairs and service work. Beginning Thursday, the center accepts all work on an appointment basis. The system for appointments is by the day, not the hour, with a limited amount of time for walk-ins and emergency repairs and services. For more information or to make an appointment, call 7-2279.

Commissary has new hours

The RAF Lakenheath Commissary is open seven days a week beginning Monday. The new store hours are 9 a.m. to 7 p.m. Mondays through Saturdays and 10 a.m. to 6 p.m. Sundays. A special opening is planned at 9 a.m. Monday with demonstrations, special promotions and a beanie baby drawing.

Hazardous recall: Peg Perego

DALLAS (AFPN) – The Army and Air Force Exchange Service, in cooperation with the U.S. Consumer Product Safety Commission and Peg Perego USA Inc. of Ft. Wayne, Ind., are recalling about 274,000 battery-powered children's riding vehicles for repair. Pedals can stick and electrical components can overheat, presenting fire and injury hazards to children.

The vehicles, made of plastic, run on 12 volts, powered by two 6-volt batteries. The company manufactured them before Decem-

ber 1997, for children 3 to 8 years old. The 12-volt two-battery Peg Perego vehicles manufactured since 1998 and the 6-volt one-battery vehicles are not included in this recall.

The company sold the vehicles under the following names: Corral 270, Diablo, Dragon, Gaucho, Gaucho Grande, Gaucho High Torque, Gaucho Sport, Magica, Magnum, Ranger GT, Thunderbolt, Thundercat, and Tornado. The model name and "Peg Perego" appear on each vehicle.

Peg Perego USA Inc. will help consumers determine whether or not their toy vehicle, with speed ranges from 2.5 to 5 mph, is part of the recall. AAFES only purchased the Magnum model number D120, MO50, HP12.

Consumers should remove the vehicles' batteries right away and not let children use the vehicles until the repair has been made. They should also call (888) 893-7903 between 8 a.m. and 8 p.m. EST, weekdays. Or consumers can contact the company at <http://www.perego.com/recall1.htm> to order a free repair kit.

Cold War certificate approved

WASHINGTON (AFPN) – Secretary of Defense William Cohen has approved a Cold War recognition certificate for all members of the armed forces and federal government civilian employees who faithfully served the United States during the Cold War era, Sept. 2, 1945, to Dec. 26, 1991.

The Department of Defense designated the Department of the Army as the executive agent for the Cold War recognition certificate program. The Army has established a home page at <http://coldwar.army.mil> that explains the correct procedures to request a certificate. Requests are accepted by Internet, fax or mail.

Individuals who request the certificate must certify that they served both faithfully and honorably. Each mailed or faxed request must be accompanied by official documentation verifying government service. Acceptable documentation includes any government form that includes the applicant's name and social security number or military service number or foreign service number, and the date of service. Applicants should not send original documents to verify federal service since the documents will not be returned.

The mailing address for requests for the certificate is: Cold War Recognition, 4035 Ridge Top Road Suite 400, Fairfax, VA 22030.

The fax number is (703) 275-6749. The electronic mail address is coldwar@fairfax-emh1.army.mil. Requests sent by e-mail will not be acted upon until the Fairfax office receives supporting documentation.

Applicants needing additional information may call the help desk at (703) 275-6279.

Bedding plants available

Bedding plants are available for RAF Lakenheath-assigned housing residents from 8 a.m. to noon today at the self help store. Plants are only issued over the counter.

Liberty Warrior

'Can do' person of the week



Photo by A1C Russ Martin

SSgt. John Mitchell 48th Communications Squadron

Hometown: Chicago, Ill.

Time in service: Twelve years, six months

Time on station: Four years

Role in mission: I'm a maintenance support evaluator for communications electronics systems.

What is the most exciting thing that has happened to you during your Air Force career? Participating in Operation Desert Storm. My unit ran the largest mobile communications hub in the theater. We trained to accomplish a specific job in a specific area and got the chance to do exactly what we trained to do.

If you could live in any period of history, when would it be? Why? The future. The current trends seem to be leaning towards a more racially conscious culture.

What is your philosophy of life and why? Don't sweat the small stuff and always keep a positive outlook because it makes no sense to worry about things that are beyond your control and whether you realize it or not ... your attitude is contagious.

How do you fulfill core values? In my current job, integrity is everything. I try to display integrity and promote service before self when interacting with my peers – I believe in setting the example.

How do you think core values can be better applied in the Air Force? Everyone in the Air Force should make integrity the No. 1 aspect of their work ethic.

Who do you think has been the most influential political person in the United States this century? Dr. Martin Luther King Jr.

What has been your most memorable experience in Europe? I'm not too fond of heights. Since I've been here, I summoned up the courage to bungee jump. I'll never forget that.

What would you do to make things better at RAF Lakenheath? Request that the Congressmen who decide our budget and pay, be allowed to live here at RAF Lakenheath for a year as an enlisted member.

Why did you join the Air Force? I'm a patriot. I joined to serve my country.

Moulage team creates havoc for base



By Sam Morgan
48th Fighter Wing public affairs
volunteer

The moulage team legally creates havoc and mass carnage. Why?

"The more realistically we train, the better we will perform when it comes to the real thing," said SrA. Matthew Petrie, assistant team chief. The fake casualties manufactured by the moulage team are vital in simulating the chaos of an accident scene.

Moulage comes from the French word for mold, and that describes it well. Artificial wounds are molded using wax attached to a participant's skin and sculpted to resemble gashes, amputations, burns and other physical injuries. Wax, powder, cotton balls, stage blood and other makeup apparatus are used to create chillingly realistic wounds.

A cut on an arm, for example, is created by first attaching wax to the arm with an adhesive and shaping a gash in the wax. Then artificial blood is poured into the wound and the surrounding wax is blended into the skin using makeup. This entire process only takes about a quarter of an hour. Blood loss and bruises around the wound are created with makeup.

But team members must be careful to make a wound realistic. Using too much wax makes a



Photo by SrA. Scott Asche
Fire department members help a simulated casualty.

wound seem unreal.

"Less is more," said Leslie Leadbetter, a moulage team member.

There are some standard procedures in the craft of moulage but a great deal of personal style is involved.

"If you find a better way of (crafting a wound), you use it," said Leadbetter.

On some occasions, the moulage team has created nearly 70 casualties, but usually only five to 10 are needed. Some participants who are aware the gore is fake are still overwhelmed by the effect of the realistic carnage.

"If people think it's real, then we've done our job," Petrie said.

Ironically, the children who volunteer to model as victims are the most impressed by the fake gore.

"The kids love it," said Leadbetter.

The moulage team uses the same makeup techniques employed in theater and movies. In fact, some members of the moulage team draw upon their theatrical makeup experience.

"Just to actually feel it for myself was a bit different," said TSgt. Terry Ferguson, noncommissioned officer in charge of support flight. "It's an experience everyone should try at least once." She was a past moulage artist at a previous assignment who volunteered to be made up for an exercise. In an exercise, mock casualties are given a cue card stating what the injury is and how they should act out its symptoms. The makeup can often be inconvenient.

"You're confined in the

makeup," said Ferguson. "If you want to go to the bathroom or something like that, you can't because you'll ruin the makeup."

The moulage team is the only one in England sponsored by the U.S. military. They have performed for 3rd Air Force and RAF Feltwell. During disaster training, the moulage team make-up their casualties in a nearby warehouse or hangar and then transports them to the exercise area. The team has recreated the aftermaths of nearly every type of disaster including bombings, terrorist attacks, and aircraft and car crashes. Unusual scenarios such as aiding prisoners of war and victims of snakebites are also handled by the moulage team.

The 13 moulage team members are primarily hospital technicians, but no formal training is required. Anyone is welcome to join the moulage team. Training for the team is held bimonthly, and on average, they perform seven casualty exercises a year. Their talents are also put to good use in the 48th Medical Groups annual haunted house. For more information, call Leadbetter at 7-8655 or SSgt. Janet Shane at 7-8437.



Photo by SrA. Sarah Franco
The finished product of the team's work.



Photo by SrA. Sarah Franco
SrA. Matthew Petrie, assistant moulage team chief, works on SSgt. Aaron Powell, 48th Medical Group, creating a simulated cut

Liberty Wing at Tuzla

Security forces ready for deployment



A1C Jeremy Hatfield, a deployed member of the 48th Security Forces Squadron, watches over the Tuzla airfield from a security tower.



Above: Amn. Nathan Lancor, deployed member of the 48th Security Forces Squadron, checks the identification paperwork for local contractors at the Air Force gate of Eagle Base. **Right:** SrA. Craig Reeves, a 48th Security Forces Squadron member deployed to Tuzla AB, Bosnia and Herzegovina, takes a call at central security control.



Story and photos by SSgt. Scott Davis
401st Expeditionary Air Base Group public affairs

Wearing helmets and flak vests and with weapons in hand, they ran double-time off the C-130 Hercules and onto Eagle Base.

About 25 security force members from RAF Lakenheath, England, joined the 401st Expeditionary Air Base Group March 28 ready to provide ground defense for Tuzla AB, Bosnia and Herzegovina during their 120-day deployment. They are replacing security force members from Ramstein AB, Germany.

"We're excited to be here because stuff is actually happening," said A1C Jeremy Hatfield, 401st EABG security forces. "We actually get to do what we're trained to do."

Flight members spent four days of training in Germany before their delayed arrival. They went through the standard Stabilization Force training at the Rhein Main AB, Germany, central processing center and the Creek Defender course at Sembach AB, Germany. Creek Defender prepares them for tactical communications, convoy operations and vehicle searches. The course also teaches STANO, or surveillance target acquisition and night operations.

The team's arrival at Tuzla was delayed by the beginning of Operation Allied Force. Flights into Tuzla were canceled during the first two days of bombing in neighboring Yugoslavia.

"We're excited to get here and be able to participate with the SFOR team," said 1st Lt. Derek Jenkins, 401st EABG security forces flight commander. "It just happens that we're arriving during the Allied Force operation which has affected us."

Jenkins arrived in Tuzla early to set the groundwork for his team. He happened to get in just before the beginning of Allied Force.

"It was intense," he said. "My first day here we put on the battle rattle and jumped into bunkers."

Overall, though, he was impressed with the conditions his troops will be working under.

"The living conditions here are good, and the facilities are great," Jenkins said. "We were expecting something less than that, but this is not a bare-base environment."

Other members of the flight agreed.

"I was impressed with the living conditions," said SrA. Craig Reeves, who has a wife and daughter back at Lakenheath. "We're in a combat environment, but we've got e-mail and plenty of morale calls. Everyone's excited that we're finally here."

The security forces flight members are looking forward to meeting the challenges of this 120-day deployment.

"We're here to protect Air Force assets and provide flightline security," Jenkins said. "The most challenging areas will be integrating with the Army and ensuring force protection."



A1C Chad Vanhoesen, a 48th Security Forces Squadron member deployed to Tuzla AB, Bosnia and Herzegovina, prepares to inspect a vehicle at the Air Force gate of Eagle Base.



Liberty Wing in Aviano

Maintainers keep NATO-dir

By TSgt. Ann Bennett
Air Force Print News

AVIANO AB, Italy – A little before dusk March 25, the flightline here was a flurry of activity as maintainers prepared aircraft for the second day of NATO air strikes against the former Republic of Yugoslavia.

The 31st Air Expeditionary Wing is supporting NATO's decision to launch air strikes on Yugoslav military targets as part of Operation Allied Force.

Among those taking part in the energetic events on the flightline were maintainers from the 48th Fighter Wing at RAF Lakenheath as they prepared their F-15s for takeoff.

"Whenever the (NATO) tasking comes down, we prepare the airplanes and make sure they take

off and do what they're suppose to do," said CMSgt. Jerry Wilson, overall maintenance superintendent for the deployed Lakenheath maintenance contingent. "We're doing whatever we're directed to do using our aircraft and people as effectively as we can."

According to Maj. Douglas White, 494th Fighter Squadron maintenance officer, the maintainers are very important people on this flightline.

"Without them we don't turn wheels and nothing gets off the ground," he said. "Without people power out here you're not going to have the airpower."

The maintainers take care of everything from receiving aircraft back after flight, refueling, inspecting, replenishing any munitions, fixing any write-ups the pilots reported after their flights and making sure the aircraft are

ready to go again.

"They're actually applying everything they've been training to do most of their careers," White said. "The fact that they have a real-world mission to accomplish is something that focuses everybody."

"We can't afford to have any kind of mistakes," Wilson said. "So everything is checked and re-checked just to make sure it's correct and done as safely as possible."

"Without everybody working together – the munitions people, crew chiefs and the specialists – then that airplane is not going anywhere," he said.

A1C Sean McFadden, an avionics systems apprentice with the 494th Fighter Squadron at Lakenheath, added, "I think everybody is equally important and fits into the big puzzle."

According to SSgt. Tamalla

Robertson, an aircraft armament system specialist with the 48th Equipment Maintenance Squadron, everyone chips in to help out on the launch.

"We come out and try to help since there are so many aircraft going at once," she said. "We want to help out and get everybody up."

Overall responsibility for the maintenance of each aircraft rests with the dedicated crew chief.

"We're basically here to help maintain the aircraft and make sure the aircraft get up to do their sorties," said SSgt. Stephen Ashberry, a dedicated crew chief with the 494th FS. "This is what we're trained for and what we're suppose to do."

As for his thoughts on supporting the NATO-directed air strikes, Ashberry said, "The way I look at it is, we're here to stop all the bloodshed."



Courtesy photo

As the sun sets here, maintainers deployed from the 48th Fighter Wing secure a pod to a "jammer" allowing them to prepare another F-15 for mission launch, as part of NATO air strikes in Operation Allied Force.



Photo by SrA. Jeffrey Allen

SSgt. Barry Mueller, weapons loader from the 48th Fighter Wing attaches a GBU-24 laser-guided bomb to an F-15E Strike Eagle.



Directed air strikes in the air



Photo by SrA. Mitch Fuqua

A pilot, deployed from the 48th Fighter Wing, goes over his pre-flight checklist as he prepares for a sortie from Aviano AB, Italy.



Photo by SrA. Mitch Fuqua

A1C Michael Allen, deployed from the 48th Fighter Wing, pulls the safety pins out of the ejection seats as he pre-flights an F-15E Strike Eagle.



Courtesy photo

SSgt. David Young, a crew chief from the 48th Fighter Wing, checks the pressure of nitrogen being supplied to the front landing gear tire, as the F-15E Strike Eagles prepare for a sortie in support of NATO operations.



Courtesy photo

Amn. Joseph Sirek, 48th Fighter Wing weapons loader, secures the fins to an armament loaded on an F-15, as preparations are made for NATO air strikes in Operation Allied Force.



Photo by 1st Lt. Dave Westover

Liberty Wing at Incirlik

An F-15C from the 493rd Expeditionary Fighter Squadron flying over Iraq after being refueling by a KC-135 March 14. The deployed unit is part of Operation Northern Watch, enforcing the northern Iraq no-fly zone. Coalition aircraft have been enforcing the northern no-fly zone for nearly eight years. Since Dec. 28, Saddam Hussein has challenged this enforcement by targeting coalition aircraft with radar, surface-to-air missile systems and antiaircraft artillery.

Liberty Wing at Cervia

Communicators provide many services

By SMSgt. Dale Warman
48th Expeditionary Operations Group
public affairs

CERVIA AB, Italy – Telephones, e-mail, land-mobile radios; when people think of a communications squadron, these are often the first areas that come to mind. However, the communications area has grown by leaps and bounds in recent years, and comm now affects a lot of a person's life – on and off duty.

Cervia AB's 48th Expeditionary Communications Flight serves the communication needs of airmen deployed here to support NATO's Operation Allied Force, the air operation in Yugoslavia. The deployed comm troops come from six U.S. Air Forces in Europe bases and work in a range of areas throughout the site.

"The things I've seen so far have been amazing," said Maj. Tim Williams, 48th ECF commander. "We've run some of our people ragged, but they come back every day for more and overall have one goal in mind: supporting the mission and our customers."

Williams, who deployed with the 1st Combat Communications Squadron out of Ramstein AB, Germany, said he is used to setting up at bare bases and providing a link to the world. However, the Cervia deployment is a bit different since the unit is providing just about every service found at a fixed-base communications squadron.

The 1st CCSQ rolled into the 48th ECF and works alongside communicators deployed from RAF Lakenheath, England. The Lakenheath troops deployed under the Wing Initial Communication Package, or WICP.

"We provided bare-bones comm until the 1st CCSQ got on site and set up," said TSgt Brad Davis. That included cellular phones, satellite phones, and land mobile radios. He refers to the initial comm package as the "comm belly button" for the 48th Expeditionary Op-



Photo by A1C Joseph Lozada

SSgt. Lou Burgess, computer systems technician with the 48th Communications Squadron, installs an additional hard drive to increase storage space. Burgess is deployed to Cervia AB, Italy.

erations Group, which flies F-15C Eagle air-superiority fighters.

A traditional comm area is the message center, where operational units send and receive official message traffic. Customers rely on the message center for intelligence updates, air-tasking orders, personnel messages, and situation reports to higher headquarters.

TSgt. Jim Nadal, the chief of the section, said: "The ideal situation is when people think we're the same as a base comm center. We provide an over-the-counter service just as we would at home station."

Nadal added that the October 1998 deployment to Cervia served as a "dress rehearsal" for this deployment, and lessons-learned from October helped smooth the arrival and setup.

"It was almost scary how well things went," he said. "We knew we needed a bigger tent and we had to be a little closer to the flight line and our main customers."

Williams points to other areas where customers have many of the "comforts" of home, including classified and unclassified Internet and e-mail service over the deployed local area network.

"The local area network is the best I've ever

seen us deploy," the major said. "It's been virtually error-free, which is always a big plus. We could use some more capacity, but our guys have done a tremendous job with what we've got."

Much of the deployed comm operation relies on satellite communications, or SATCOM, which operates a 20-foot satellite dish to send and receive data.

TSgt. Rob Haggerty refers to SATCOM as a "46,000-mile comm pipe" that provides a line for the military phone system, e-mail, Internet, and other services to communicate throughout the world.

"It takes about four hours to set up the whole SATCOM site," Haggerty said, including a ground station and equipment working out of a tent. "It's critical. Besides commercial telephone

service and cellular phones, everything to communicate with the world goes through the system."

The 48th ECF also encompasses several areas that moved under the communications umbrella in recent years, such as postal operations and multimedia. The multimedia branch shoots still photo and video for documentation and for use in military and civilian news media outlets. A graphic artist in multimedia creates official products for units throughout the 48th Expeditionary Operations Group, as well as "morale-type" products such as promotion certificates.

Deployed airmen also rely on the Postal branch to send and receive mail through the military postal system. The three-person team established a full-service post office and makes several mail runs every week to Aviano AB.

After setting up at Cervia AB, the weather dealt the deployed communicators a blow by knocking out a tent and some telephone and radio capabilities. However, the major said his people kicked off a series of actions and restored service within hours.

"A lot of work by our people and others got us full up pretty fast," he said.



Liberty Wing's Achievers

Awards

□ **SrA. James Black**, 48th Contracting Squadron, is the 1998 U.S. Air Forces in Europe Outstanding Contracting Enlisted Member (Airman) of the Year.

□ **Brian Moody**, 48th Contracting Squadron, is the 1998 USAFE Outstanding Contracting Support Person of the Year.

□ **The 48th Component Repair Squadron** is the 1998 USAFE Maintenance Effectiveness award winner for a maintenance squadron.

□ **The 48th Logistics Support Squadron** is the 1998 USAFE Maintenance Effectiveness award winner for logistics support.

□ **The 48th Fighter Wing** received the National Safety Council Award for Honor for achieving a 10 percent reduction in reportable round mishaps.

□ **MSgt. Carl Buchanan**, 48th Communications Squadron, is the 3rd Air Force First Sergeant of the Year.

□ **The 48th Communications Squadron** is the best communications squadron in USAFE for 1998.

□ **SMSgt. Dianne Talbert**, 48th CS, is the USAFE Information Management Senior Noncommissioned officer of the Year for 1998.

□ **TSgt. Paul Caron**, 48th CS, is the USAFE Visual Information NCO of the Year for 1998.

□ **A1C Jeffrey Vice**, 48th Component Repair Squadron, is the 48th Fighter Wing Honor Guard Member of the Year for 1998. He also received an award for doing the most details in 1998.

□ **SrA. Peter Delagarza**, 48th Civil Engineer Squadron, received the 48th FW Honor Guard Military Image Award for 1998.

□ **A1C Matthew Jackson**, 48th CRS, received the 48th FW Honor Guard Most Improved Member of the Year for 1998.

□ **1st Lt. Chris Cost**, 492nd Fighter Squadron, received the unit-level USAFE Personnel Manager of the Year for 1998.

□ **The 48th Mission Support Squadron military personnel flight** received the 1998 Gerrit D. Foster Jr. Award for an Outstanding Military Personnel Flight category I.

□ **SSgt. Jennifer Johnson**, 48th MSS, received the airman leadership school level USAFE Instructor of the Year for 1998. She is an instructor at the Mathies Airman Leadership School.

□ **The 48th Civil Engineer Squadron housing office** raised money for "red nose day." The assistance section of the office raised £162.94 for charity.

□ **Pete Chapman**, chairman of the Liberty Squadron Anglo-American Dance Club, donated £200 to the RAF Lakenheath Child Development Center for toys that promote development of language skills.

Promotions

To major

James Berry, 48th Operations Support Squadron; **Barbara Dauerty**, 48th Medical Operations Squadron; **Sarah Misiak**, 48th Fighter Wing; and **Randolph Staudenraus**, 492nd Fighter Squadron.

To chief master sergeant

Michael Tullo, 48th Operations Group.

To senior master sergeant

Gerald Harris, 48th Mission Support Squadron; and **Jeffery Mazowieski**, 48th OG.

To master sergeant

Stephen Carrico, 48th Civil Engineer Squadron; **Patrick Flood**, 48th Logistics Group; **Lisa Guimond**, 48th CES; and **Keith Pudlowski**, 48th Aerospace Medicine Squadron.

To technical sergeant

Sandra Beard, 48th Component Repair Squadron; **Derek Besler**, 493rd Fighter Squadron; **Timothy Blake**, 48th Security Forces Squadron; **Brian Bowersox**, 492nd FS; **Thomas**

Cook, 494th Fighter Squadron; **Kent Dauphin**, 48th SFS; **John Gilliard**, 48th Equipment Maintenance Squadron; **Kevin Jeffrey**, 48th CRS; **James Kupahea**, 492nd FS; **Cynthia Lundberg**, 48th MDOS; **Jeffery McWaine**, 48th Dental Squadron; **Gregory Moore**, 48th MSS; **Johnny Puckett**, 18th Intelligence Squadron, Detachment 4; **Christopher Pylkka**, 5th Space Surveillance Squadron; **Scott Rawlings**, 48th Operations Support Squadron; **Gary Ross**, 48th CRS; **Joseph Sandley**, 48th SFS; **Daniel Speck**, 48th OSS; **Eric Thomas**, 48th SFS; **Ronald Thurow**, 48th OSS; **Karl Tucker**, 48th Services Squadron; **Kurt Wager**, 48th CRS; and **Ronald Williams**, 492nd FS.

To staff sergeant

Jason Abercrombie, 48th EMS; **Darren Le Mont Banks**, 48th Medical Support Squadron; **David Bjore**, 492nd FS; **Robyn Calhoun**, 48th Communications Squadron; **Anne Dimalanta**, 493rd FS; **Brent Evans**, 493rd FS; **Joseph Hamilton**, 48th CRS; **Carroll Hiller**, 5th SPSS; **Christopher Johnston**, 48th CRS; **Gleny Kevelier**, 48th Comptroller Squadron; **Sandra Mitchell**, 451st Intelligence Squadron; **Jamison Riddle**, 48th CRS; **Michael**

Russell, 48th CES; **Ralph Simms**, 48th DS; and **Tonya Strowbridge**, 492nd FS.

To senior airman below the zone

David Bascom, 48th CES; **Heather Carr**, 48th AMDS; **Nicole Dippold**, 48th OSS; **Kristopher Green**, 48th SFS; and **Rebecca Mertens**, 48th SFS.

To senior airman

Joshua Ardoin, 48th SFS; **Derek Aultman**, 492nd FS; **Tyler Choate**, 48th CS; **Candy Comeau**, 48th DS; **Victor Dube**, 48th EMS; **Renea Lee Dunlap**, 48th DS; **Gisela Dupes**, 48th MDSS; **Mark Farmer**, 48th CES; **Ronald Harrelson**, 48th EMS; **Forest Henderson**, 493rd FS; **Colin Hess**, 493rd FS; **Paul Higginbotham**, 48th EMS; **Kenneth May**, 48th Supply Squadron; **William Moore**, 492nd FS; **Micheal Newton**, 493rd FS; **Robert Reuille**, 48th MDOS; **Tony Rice**, 48th SFS; **Wyatt Robertson**, 492nd FS; and **Carlos Vargadesa**, 48th SUPS.

To airman first class

Jason Ahlman, 48th CS; **Willis Alexander**, 48th EMS; **Milton Avant**, 48th EMS; **Erik Baker**, 48th MDSS; **Berry Baldrige**, 48th

EMS; **Lucas Barker**, 48th CRS; **Carl Boswell**, 48th SUPS; **Ryan Cacal**, 48th EMS; **Richard Carlton**, 492nd FS; **William Casey**, 48th EMS; **Loraine Dutcher**, 48th Transportation Squadron; **Joshua Elwell**, 493rd FS; **Louis Figueroa**, 48th SFS; **John Hart**, 494th FS; **Craig Hendry**, 48th EMS; **Patrick Kellaher**, 48th CRS; **Nathan Kramer**, 48th EMS; **Matthew Leatherman**, 48th EMS; **Taffina Livingstonclaw**, 48th CES; **Damion Manwarren**, 494th FS; **Jeffrey Merrick**, 492nd FS; **Steven Pawlowski**, 494th FS; **William Simmons**, 48th CS; **Joseph Sirek**, 494th FS; **William Smith**, 493rd FS; **James Sterling**, 48th CRS; **Thomas Valenzuela**, 493rd FS; **Kevin Wallin**, 492nd FS; and **Jason Wright**, 48th CS.

To airman

Nishioka Anderson, 494th FS; **Sean Austin**, 48th SVS; **Ryan Brown**, 48th CRS; **Christopher Carlson**, 494th FS; **Gary Friedman**, 493rd FS; **Antonio Gonzalez**, 48th CRS; **Joseph Hollowell**, 48th CRS; **Skylar Marzolf**, 48th CRS; **Thomas McBurney**, 494th FS; **Jeremy Morton**, 48th AMDS; **Brian Varner**, 492nd FS; **Brian Witcher**, 494th FS; and **Johnathan Yeater**, 493rd FS.

Local area is full of ...

Unusual stories

It is well known that East Anglia is alleged to be one of the most haunted places in England, so it is not surprising that many stories about all sorts of things abound. Some seem too incredible to believe, others leave you with just a little element of unease about their credibility, and others are true stories, if having been somewhat embellished over the years. Here are a few of the better-known yarns.

The Wild Man of Orford

This story centres around the four-storied stone keep of Orford Castle, all that is left of a once great building that cost Henry II £1,400 to build in 1165. Hundreds of years ago, while drawing in their catch in the North Sea, two fishermen were surprised one night to discover a heavier load than usual in their nets. This turned out to be a man with a very long beard and long fair hair. This creature struggled to get free from the fishermen, but they overcame him and took him to the custodian of Orford Castle, Bartholomew de Gladville, while they decided what should be done with him.

He was placed in a cell and several efforts were made to communicate with him. The only reaction provoked was to make him go berserk physically. He would only eat raw fish, and all he would drink was plain water. Sadly, he became an object of curiosity to the local people. The old man never made any attempt to escape, so was only guarded in a casual manner and was taken for walks and allowed to swim in the sea. However, one day he walked a little way away from his guard, and slipped quietly into the sea, never to be seen again. Someone allegedly witnessed this event on the shore.

The Lost City of Dunwich

Today, Dunwich sits precariously on the east coast of Suffolk, surrounded by heathland maintained by the National Trust. I say precariously for good reason, for twice it has fallen into the sea. There is evidence that ancient Britons settled in the great forests along the coast here, and that the Romans established a stronghold, known as Sitomagus, on the site of the original ancient Dunwich.

After the Romans withdrew in the fifth century, the Jutes, Saxons and Angles followed, and because of its valuable harbour, Dunwich was made the capital of the Fens. Upon the arrival of the Danes, Dunwich was made redundant, but the Normans rebuilt the port, and Dunwich once more became a rich and prosperous place.

In its heyday, the city of Dunwich had gates of brass, a busy harbour, a king's palace and a mint. Around 1351, the harbour became less accessible because of the build-up of silt



which prevented the easy movement of ships entering and leaving the port. At the time of the dissolution of the monasteries, several of the buildings (including a priory) were left to decay. Violent storms in 1680 and 1740 resulted in whole streets being washed away into the sea. As recent as 1919, the last church of Dunwich disappeared over the cliffs.

Hereward the Wake and Ely Cathedral

In 1069, just three years after the Battle of Hastings in 1066, Hereward the Wake made his last stand against William the Conqueror. It has to be realised that the Fens were dangerous marshlands, and only intimate knowledge of the area would allow anyone to penetrate this intricate system of waterways.

So, to overcome Hereward the Wake, a born marshman and local hero, was going to be a difficult task for the Normans. Bishop Egelwine of Ely Abbey, along with all his monks, pledged his allegiance to Hereward and therefore against the Normans. If the story is to be believed, this ultimately proved to be both a blessing and a curse. It was a blessing because the monks' habits provided a clever disguise during the conflict. They were able to move freely about the area and gather food and other goods while the Normans tried to contain Ely and the surrounding area. It was also a curse because it was said that it was a monk who finally betrayed Hereward's whereabouts to William the Conqueror.

Night Rider of the Gog Magog Hills

These "hills" are only three hundred feet high but are probably the highest point in the flatlands of Cambridgeshire. This story emanates from the same time as the one above, around 1075. Twenty Norman soldiers were looking for a place to stay for the night, and came upon a manor house in the Gog Magog Hills, which got their name from the last two of an ancient race of giants that was buried nearby. The soldiers found good hospitality,

and after a splendid meal and good company, the village teller of tales, Stephen Shiner, entertained them with local stories.

These included ones of how Boudica had fought a great battle against the Romans at Wandlebury Camp, just a few miles from where they were, and the night rider who had ruled the camp and was invincible against any mortal in combat. Any challenger to the night rider would ride into the camp in the moonlight and cry out "Knight to knight, come forth," and the knight would appear on a jet black horse and accept the challenge.

As it was a moonlit night, one of the knights decided to test the story. Indeed the night rider appeared with his horse, and the two men raised their lances in salutation. They began their first charge, and their lances clipped each other. On turning, the challenger saw that the night rider's lance was un-tipped as if in battle, not tipped for jousting.

On the second charge, the challenger prodded the night rider in the chest and pushed him off his horse. He lay on the ground motionless and quiet. As usual in such conquests, the winner will take the horse of the one fallen as his prize, and so the challenger went to do this. As he left the scene, when passing the motionless figure, he checked to see if there was any sign of life.

Just as he was leaving, the night rider lifted himself and hurled his lance at the challenger, catching him in the thigh and piercing the skin.

The next day, it was discovered that the horse had disappeared, and there was no sign of a conflict ever having taken place. No one challenged the night rider after that, but each year, on the anniversary of the encounter, the wound on the thigh of the challenger would open again as if it had just been inflicted.

To reach me

For more information about living in Britain, call me at 7-3145 or e-mail me at linda.laws@lakenheath.af.mil. You can also find me in the RAF Lakenheath Family Support Center from 1 to 3 p.m. Wednesdays. Call my office for an appointment.

Kosovo Crisis appeal

Twelve main charities including the British Red Cross have joined together in the Kosovo Crisis appeal for monetary donations. Call (0870) 60 60 900 or (0990) 22 22 33 to make a donation. For information about what the base Red Cross agency is doing, call 7-1855.

Process surveys what students know, can do



By Andy Zacharias
DODDS superintendent

The National Assessment of Educational Progress is the United State's survey of what students know and can do in various academic areas. Commonly called the nation's report card, it is administered by the National Center for Education Statistics/Department of Education and reports to the nation on the educational progress of students in grades 4, 8 and 12.

In February, the Department of Defense Dependent Schools and Domestic Dependent Elementary and Secondary Schools students participated in the National Assessment of Educational Progress State Assessment for reading. Student performance results are described in terms of their average score on a 0-to-500 scale, and in terms of percentage of students

who attain three achievement levels: basic, proficient and advanced.

Of the 43 states that participated in the 1998 fourth-grade reading assessment, DODDS ranked fifth. Connecticut placed first; the cluster of states with the next highest scores included DODDS schools, Iowa, Kansas, Maine, Massachusetts, Minnesota, Montana, New Hampshire and Wisconsin. In the fourth grade assessment, DODDS African-American students and Hispanic students both ranked first nationally in the average proficiency score of all African-American and Hispanic students tested. DODDS Asian students ranked fifth among all Asian students.

For eighth-grade students, DODDS students ranked fourth among the 43 states and jurisdictions who reported information. No ethnic data is available for eighth graders. Besides DODDS and DDESS schools, the seven jurisdictions with the highest percentages of students at or above the proficient level of reading achievement were Connecticut, Maine, Massachusetts, Minnesota and Montana.

An analysis of the test results demonstrates school and home factors relate to a child's reading



Photo by SrA. Tony Tolley

High school student teachers

Lucy Heath (left), Lindsey McMullen, RAF Lakenheath High School students, teach Ebone Williams and other Liberty Intermediate students about child labor problems in other countries. The high school sponsored a exhibit April 1 to showcase students' projects on poverty.

performance. The 1998 results indicate home and school practices contributed to higher scores. Students scored higher on their reading tests who (1) read pages daily for school and homework, (2) were asked to discuss interpretations of their reading, (3) were asked to write long answers to questions on tests and assignments, (4) were allowed to self-select books to read for enjoyment, (5) participated in discussions about reading and

studies with family and friends, and (6) viewed television three or fewer hours each day.

Other information, including sample questions for each grade and state-by-state results, is located at the National Assessment of Educational Progress web site at <http://nces.ed.gov/nationsreportcard/index.html>.

In February 2000, DODDS and DDESS students will complete math and science assessments.

Briefs

Photo club

The RAF Lakenheath Youth Center has a youth photo club meeting at 6 p.m. Wednesday. The club is open to people 6 to 18 years old. Club teaches interested youths about photo composition, lighting, equipment and more. Call Karl Pfoor at the youth center at 7-3735 or A1C Russ Martin at 7-5641 for more information.

Commissary jobs

The RAF Lakenheath Commissary accepts applications through Thursday for store worker and sales store checker positions. Stop by the administration office between 8 a.m. and noon weekdays to pick up an application.

Art, wine, jazz, disco

The Eye on the Sparrow #61 sponsors an art, wine, jazz and disco affair from 4 p.m. to midnight April 24. Vendors display wares and there are wine tastings and complimentary hors d'oeuvres. Anyone may attend, and cost is \$12 or £7. Call (01842) 750346 or (01638) 713893 for more information.

Holocaust memorial luncheon

The 48th Fighter Wing and 100th Air Refueling Wing military equal opportunity offices sponsor a holocaust memorial luncheon at 11:30 a.m. May 6 at the Galaxy Club at RAF Mildenhall. The guest speaker is John Chillag, a holocaust survivor. Cost is \$6.95 for club members and \$8.95 non-members. Call 7-3278 or 89-2868 for more information.

AFA gala reception, dinner

The Air Force Association United Kingdom Chapter 503 and the U.K. Retired Officers Association sponsor a gala reception and dinner dance beginning at 6 p.m. April 23 at the Imperial War Museum at RAF Duxford. Dress is mess dress for officer, semi-formal for enlisted members and black tie for civilians, and cost is £35 per person. People should make reservations no later than today by calling (01842) 815878 or 89-2431 or e-mail at stephen.michael@mildenhall.af.mil. Spouses and guests are also welcome. Transportation will be provided, and people may also use their own vehicles.

Habitat for Humanity

For information on Habitat for Humanity in the local community, call Capt. Editha Heberlein at 7-8172 or Roger Heberlein at 89-2082.

Special Ts new hours

Special Ts in building 650 has new hours beginning April 17. The hours are: 11 a.m. to 8 p.m. Mondays through Thursdays; 11 a.m. to 10 p.m. Fridays and Saturdays; and noon to 8 p.m. Sundays. Call (01638) 532208 for more information.

Asian Pacific Islander Heritage

The Asian Pacific Islander Heritage committee needs members to help plan activities for Asian Pacific Islander Heritage Month in May. Activities planned include cultural presentations, a native costume fashion show, a luncheon and others to expose the community. Call Capt. Editha Heberlein at 7-8172 or TSgt. Darren Fox at 7-7555 for details.

Family support center

All classes listed are open to active-duty members, Department of Defense civilians, retirees and family members. For more information about a class or to sign up, call the family support center from 8 a.m. to 5 p.m. weekdays at 7-3847.

Preparing Financially to Move – 9 to 11 a.m. Monday. Discover what out-of-pocket expenses you may incur when you PCS and how to prepare for them.

Electronic Resumes – Noon to 3 p.m. Tuesday. Learn the technique to filing a resume electronically.

Volunteer Training: Word for Beginners – 5 to 8 p.m. Tuesday. Learn the basics of Microsoft Word.

Stress Management – 11 a.m. to 1 p.m. Wednesday. Learn what causes stress and how to control it.

PCS with Ease – 1 to 3 p.m. Wednesday. Representatives from the traffic management office, housing, billeting, legal, family advocacy and finance offer tips and suggestions for your next PCS move.

Kids on the Move for ages 5 to 12 – 4 to 5:30 p.m. Thursday. Children learn about their next move through games, activities and a video.

Pre-separation Counseling – 8:30 to 10 a.m. April 16 and April 23. This mandatory

class, offered every Friday, discusses benefits and entitlements after retirement or separation.

Basic Budgeting – 2 to 4 p.m. April 19. Get tips on how to make money last through the month by learning basic budgeting skills.

Volunteer Training: Microsoft PowerPoint – 10:30 a.m. to 2:30 p.m. April 20. Learn the basics of Microsoft PowerPoint.

Stress & Moving – 1 to 3 p.m. April 20. Learn what causes stress during a PCS move and how to avoid it.

Helping Your Kids Through Divorce – 11 a.m. to 3 p.m. April 21. Find out how to help children cope with divorce.

Volunteer Training: Internet Basics – 1 to 5 p.m. April 21. Learn basic Internet skills.

Resume Writing for Volunteers – 1 to 3 p.m. April 22. Learn the technique of writing a dynamic resume.

Kids and Divorce for grades 1 through 6 – This four-week session is from 4 to 6 p.m. beginning April 22 at the RAF Lakenheath Youth Center. Children learn coping skills through games, group discussion and activities.

Positive Alternatives for Teens: Girl Talk on Sex Issues – 6 to 8 p.m. April 23. Professionals will discuss sexuality issues.

At the movies

RAF Lakenheath

Today

7 p.m. – **"Forces of Nature"** (PG-13) Starring Sandra Bullock and Ben Affleck. Ben has two days to get from New York to Savannah, Ga., for his wedding. Various circumstances hinder his trip.

10 p.m. – **"Virus"** (R) Starring Jamie Lee Curtis and William Baldwin. Kelly, Foster and Steve battle a brutal alien that takes over their ship's electrical system.

Saturday

1:30 p.m. – **"A Bug's Life"** (G) Animated. The ants of Ant Island perform double duty at harvest time; they gather food for themselves and a gang of greedy grasshoppers. One decides to take a stand against the grasshoppers and enlists the help of flea circus performers.

4 p.m. – **"Forces of Nature"** (PG-13)

7 p.m. – **"Civil Action"** (PG-13) Starring John Travolta and Robert Duvall. A small-time personal injury lawyer finds greed entangling him in a case that could destroy him and his law firm. The straightforward lawsuit reveals deceit and corruption.

10 p.m. – **"Virus"** (R)

Sunday

2 p.m. – **"The Rugrats"** (G) Animated. The Pickles family faces the biggest adventure of any household – the birth of a new child.

4 p.m. – **"Waking Ned Devine"** (PG) Starring Ian Bannen and David Kelly. Jackie O'Shea and Michael O'Sullivan and friends who have a talent for getting into trouble. They obsess over winning the national lottery. So when they find that someone in their village has won the lottery, they try to find out who it was.

7 p.m. – **"Forces of Nature"** (PG-13)

Monday

7 p.m. – **"Civil Action"** (PG-13)

Tuesday

7 p.m. – **"Forces of Nature"** (PG-13)

Wednesday

7 p.m. – **"Virus"** (R)

Thursday

The base theater is closed Thursday for renovations. It reopens April 16. Call (01638) 532578 for more information.

April 16

7 p.m. – **"Simply Irresistible"** (PG-13) Starring Sarah Michelle Gellar and Sean Patrick Fahey. Amanda and Tom seem to have nothing in common, but a mysterious crab seller, a chance meeting in a market and something magical are about to bring them together.

10 p.m. – **"True Crime"** (R) Starring Clint Eastwood and Isaiah Washington. An experienced newspaper reporter is challenge by his latest interviewee – a death row inmate on his way to his execution. With 26 hours left, the journalist is convinced the accused murderer is innocent.

RAF Mildenhall

Today

7 p.m. – **"Simply Irresistible"** (PG-13)

9:30 p.m. – **"True Crime"** (R)

Saturday

7 p.m. – **"Simply Irresistible"** (PG-13)

10 p.m. – **"True Crime"** (R)

Sunday

4 p.m. – **"Simply Irresistible"** (PG-13)

7 p.m. – **"In Dreams"** (R) Starring Robert Downey Jr. and Annette Bening. A serial killer kidnaps the daughter of a psychic woman. The mother begins having dreams about the killer and must prove her visions are true to save her child.

Monday

7 p.m. – **"True Crime"** (R)

Tuesday

3 p.m. – **"Simply Irresistible"** (PG-13)

7 p.m. – **"True Crime"** (R)

Wednesday

3 p.m. – **"Patch Adams"** (PG-13) Starring Robin Williams and Monica Potter. Based on a true story. A misfit medical student's unconventional approach to healing causes headaches for the medical establishment but works wonders for his patients.

7 p.m. – **"In Dreams"** (R)

Thursday

7 p.m. – **"In Dreams"** (R)

saucers, seasonings, vegetables and meats. Call 7-2535 to make reservations.

Cultural presentation

Philippines cultural presentations are at 7 p.m. Thursday and April 29 at the RAF Lakenheath Library. These presentations are courtesy of the Philippino American Friendship Club, and feature the native folk dance of the Philippines, "The Tinikling." Other folk dances will be presented each night. All ages are welcome, but people need to sign-up in advance since there is a maximum of 50 guests per night. Call 7-3713 to sign up.

Community clean-up, potluck

The Shepherd's Grove Community Center sponsors a community clean-up and potluck beginning at 4 p.m. April 24. Participants will help clean up the housing area, and following the clean up, there will be a family movie with popcorn and a pot-luck. Call (01359) 250269 for more information.

Services

Get to know your car

The RAF Lakenheath Auto Crafts Center offers a "get to know your car" class from 5:30 to 8 p.m. April 19. Learn about basic maintenance and upkeep, how to change oil, do fluid level and tire pressure checks and other routine vehicle checks. Students must provide their own parts, and cost is \$15 per person. Call 7-2454 for more information.

Free children's movie rental

Electric Avenue offers children a free children's movie one-day rental for Month of the Military Child. Children 12 and under may select one movie from Electric Avenue's selection of children's movies April 21. For more information, call 7-2067.

Balloon deliveries

Orders for Secretaries Day balloon deliveries are being taken at the RAF Lakenheath Community Center, and prices start at \$8.50. Balloons are delivered to secretaries' work place April 21. Call 7-2221 to place an order.

Creative memories classes

Create a photo album in a creative memories class at the RAF Feltwell Community Center. Classes are Thursday, April 24 and 29. Sign up for one of the following classes: creative beginners, creative lay-out, unique pocket pages, crop 'til you drop, and fun with stickers and borders. Each class is \$10, except

crop 'til you drop, which is \$12. Call 7-7023 for details.

Pinkerton's renovation

Pinkerton's at the Liberty Club is closed for kitchen renovation Sunday to April 20. Call 7-2489 for more information.

Spring break dance party

The RAF Lakenheath Youth Center has a dance party April 17. The dance is from 5:30 to 6 p.m. for children 6 to 8 and from 7 to 9 p.m. for youth 9 to 12. Cost is \$1 for members and \$2 for non-members. For details, call 7-3180.

Secretaries Day luncheon

The RAF Lakenheath Officers' Club sponsors an all-ranks luncheon and fashion show for Secretaries Day from 11:30 a.m. to 1:30 p.m. April 21. Cost is for members \$8 and \$10 for non-members, and tickets must be purchased in advance. The luncheon is a three-course meal, and the fashion show focus is business and casual wear with garments provided by the RAF Lakenheath Base Exchange. There will also be door prizes. Call 7-2535 to make reservations.

Mongolian barbecue

The RAF Lakenheath Officers' Club sponsors an all-ranks Mongolian barbecue from 5 to 8:30 p.m. Wednesday. People can create their own Mongolian meal from a variety of

Save a life in less than an hour

Register for National Marrow Donor Program April 19

By SSgt. Lisa Hodge
100th Air Refueling Wing

Imagine yourself sitting at your desk one afternoon and the telephone rings, the person on the other end explains to you that you have been identified as a possible match for a life-saving transplant. This is a very real possibility when you take the time to become a registered donor with the National Marrow Donor Program. By donating as little as 45 minutes and two small vials of blood, you can be put on the registry until the age of 60.

Only about 30 percent of patients in need of a bone marrow transplant are able to find a match within their own families. The national registry offers the only other hope. Finding the right tissue match is the key to a successful bone marrow transplant so it is important to register as many dif-

ferent tissue types as possible.

Racial origin is important in donor selection. A patient is more likely to find a match among people with the same ethnic origins. The number of non-Caucasian donors on the registry is alarmingly small. This makes it even harder for a non-Caucasian patient to find a match.

Here are a few people whose lives you could save: 5-year-old Jessica, daughter of a marine stationed at 29 Palms (Caucasian); 17-year-old Andrew, son of an active-duty Air Force family (African American); 5-year-old Tori from Ft. Meade, Md. (Asian Pacific); 8-year-old Monica, daughter of an Air Force family (Caucasian); Melvin, a major in the U.S. Army has Leukemia and his best hope for a match could be someone of African American heritage; at 21 months, Megan was diagnosed with leukemia; 16-year-old Lawrence is the son of a staff

sergeant in the Air Force and has leukemia; Timothy a seven-year Navy veteran has chronic myelogenous leukemia; John is a doctor at Little Rock AFB, Ark., and has a wife and two children, and his best chance for a match is from someone of African American heritage; Diane is a mother of two looking for a marrow donor of Hispanic heritage; Camille is a 15-year-old with sickle-cell anemia (African American). There are many people whose names we have not mentioned, you may know them, they might be related, or they might be your friend.

The military community is especially important to the marrow donor program. We literally span the globe and because of this, many start their families all over the world. Many unique unions of race and ethnic background are formed. The military's breadth in geography and ethnicity creates a unique opportunity to broaden the roles of the national bone marrow registry. This is one of the reasons that the Department of Defense initiated a program to recruit people for the national reg-

istry. Each year, hundreds of donor drives are held on military bases around the United States.

April 19, the RAF Lakenheath community has the opportunity to become part of the National Marrow Donor Program's registry. The drive is the first one sponsored by the base in the United Kingdom.

The program is open to all active-duty military members, family members, Department of Defense civil service employees, National Guard and drilling reserve personnel 18 to 60 years old.

The donor drive is from 9 a.m. to 3 p.m. April 19 at the RAF Lakenheath Community Center. No appointments are necessary. For further information, call Capt. Jean Ruddell at 7-8442 or Taylor Kunkle at 89-5746.

The National Marrow Donor Program has registered more than 2.5 million volunteers and has facilitated more than 6,500 life-saving bone marrow transplants. With an individual commitment from everyone in our communities, the program will continue to grow and save lives.

Sports shorts

Tobacco cessation classes

The RAF Lakenheath and RAF Mildenhall health and wellness centers offer a tobacco cessation class each month. The classes are six weeks long and are open to anyone.

Family fun day

To promote National Fitness Month, the RAF Lakenheath Fitness and Sports Center and the RAF Lakenheath Health and Wellness Center sponsor a family fun day from 3:30 to 7:30 p.m. May 7 at the high school track.

Green fee renewals

Annual green fee renewals begin in April at the RAF Lakenheath Golf Course. People can save money if they average three or more rounds per month. Call 7-2223 for details.

Skating lock-in

The RAF Lakenheath Skating Rink sponsors a lock-in from 11 p.m. to 7 a.m. today. Admission is \$5. At 11 p.m. only people 13 to 18 are permitted to stay, and the doors will be locked until 7 a.m. The regular skating session is from 7 to 11 p.m. and is open to all. For more information, call 7-1627.

Spring break swim lessons

The RAF Lakenheath Swimming Pool has a five-day crash course in swimming Monday to April 17. Cost ranges from \$15 to \$20 depending on course level, and registration is at 11 a.m. Tuesday. All regular classes are suspended Monday to April 17. Call 7-2815 for details.

Moonlight bowling

Liberty Lanes has moonlight bowling at 7:30 p.m. Saturday and April 17, and cost is \$10. There is a progressive jackpot that will grow until someone wins. Participants must be 18 or older. For more information, call 7-2108.

Swim camp

A swim camp is Monday to April 17 with the barracuda swimming team. This is open to all children who meet the minimum requirements for the club, which are 50-meters freestyle, 25-meters breaststroke and 25-meters back crawl. Call 7-2815 for more details.

Swim lesson registration

Registration for pre-school and after school swimming lessons is at 11 a.m. April 21. All registrations are on a first-come, first-served

basis. Additional teachers have recently been added to the staff so more students can be accommodated. Call 7-2815 for information.

Baseball, softball

Registration for the 1999 RAF Mildenhall youth baseball and girls softball season runs through June 1. All children 5 to 18 are eligible for baseball, and all girls 11 to 18 are eligible for softball. Cost is \$30 for non-members and \$25 for members. The seasons run from June 21 to Aug. 6, and coaches are needed for both sports. Call 89-7078 for more information.

Anger management

The RAF Lakenheath Health and Wellness Center offers anger management classes from 9 to 10:30 a.m. Fridays. Call 7-2710 for details.

The RAF Mildenhall Health and Wellness Center offers anger management classes from 3 to 4:30 p.m. Mondays. Call 89-7161 for details.

Start smart baseball

The RAF Lakenheath Youth Center's start smart baseball is from 1:30 to 3 p.m. Saturdays, and cost is \$30 per person. Call 7-3180 for details.